PX3 LUBRICATION

PX3- 601

Conductive grease
For metal/metal contacts within electrical fields

Advantages and benefits:

PX3/601 is a Calcium based electrically conductive grease, including especially low carbon grease for superior channeling ability.
Electrically conductive **PX3/601** grease can provide a very economical, low maintenance electrical path to ground though the bearings.

Applications:

For metal/metal combinations that are subjected to high temperatures and frictional contact which, typically for bolted joints, are free from lead or nickel.
Suitable for lubrication points with low speeds, subjected to high temperatures and corrosive effects, and also require a low and constant coefficient of friction. As a contact lubricant for electrically conducting components.
Used successfully for stud bolts of gas and steam turbines, stud bolts of turbochargers of diesel engines, flanged connections in chemical and petrochemical plants.

Technical data:

Specifications	Methods	Conditions	Unit	Value
Viscosity	din 51 562-1	25 °C	mm²/s	100.000
Base oil Type				ester
Pour point	DIN ISO 3016	3°C step	°C	-40
Thickener Type				Calcium soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	1-2-3
Worked penetration	DIN ISO 2137	60 Dh	0,1 mm	310 – 340 **NLGI 1** 265 – 295 **NLGI 2** 220 – 250 **NLGI 3**
Density @ 20°C	ISO 2811		g/ml	1.4
Drop point	ISO 2176		°C	185 **NLGI 1** 190 **NLGI 2** 190 **NLGI 3**
Electrically conductivity	DIN IEC 247	at 23°C	Ohm-1 cm-1	2.27 x 108
Minimum service temperature		-30 °C		
Maximum service temperature		100 °C		
Color		copper		

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